Segment ID: 0701 **Water body name:** Taylor Bayou Above Tidal

Freshwater Stream | Neches-Trinity Coastal Basin | Total size: 33 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	Use Concern	Lower 8 miles of segment	8	15	2	
Dissolved Oxygen grab average	Use Concern	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25	5	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 8 miles of segment	8	15	1	
Dissolved Oxygen grab minimum	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25	1	
Dissolved Oxygen 24hr average	Use Concern-Limited Data	Lower 8 miles of segment	8	4	1	
Dissolved Oxygen 24hr average	Use Concern-Limited Data	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	9	2	
Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Lower 8 miles of segment	8	4	1	
Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	9	2	
Acute Metals in water	No Concern-Limited Data	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	4	0	
Chronic Metals in water	No Concern-Limited Data	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	4		
Habitat	Fully Supporting	Lower 8 miles of segment	8	1	0	16
Fish Community	Fully Supporting	Lower 8 miles of segment	8	2	0	40
Overall Aquatic Life Use	Fully Supporting	Lower 8 miles of segment	8			
Overall Aquatic Life Use	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall Aquatic Life Use	Not Assessed	Upper 18 miles of segment	18			
Contact Recreation Use						
E. coli single sample	Not Assessed	Lower 8 miles of segment	8	0		

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Freshwater Stream | Neches-Trinity Coastal Basin | Total size: 33 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
E. coli single sample	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	0		
E. coli geometric mean	Not Assessed	Lower 8 miles of segment	8	0		
E. coli geometric mean	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	0		
Fecal coliform single sample	Fully Supporting	Lower 8 miles of segment	8	14	0	
Fecal coliform single sample	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25	4	
Fecal coliform geometric mean	Fully Supporting	Lower 8 miles of segment	8	14		22
Fecal coliform geometric mean	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25		34
Overall Recreation Use	Fully Supporting	Lower 8 miles of segment	8			
Overall Recreation Use	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall Recreation Use	Not Assessed	Upper 18 miles of segment	18			
General Use						
Water Temperature	Fully Supporting	Lower 8 miles of segment	8	15	0	
Water Temperature	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25	0	
pH	Fully Supporting	Lower 8 miles of segment	8	15	0	
pH	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25	0	
Chloride	Fully Supporting	Lower 8 miles of segment	8	37		135.2
Chloride	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	37		135.2

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Freshwater Stream | Neches-Trinity Coastal Basin | Total size: 33 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Chloride	Fully Supporting	Upper 18 miles of segment	18	37		135.2
Sulfate	Fully Supporting	Lower 8 miles of segment	8	14		66
Sulfate	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	14		66
Sulfate	Fully Supporting	Upper 18 miles of segment	18	14		66
Total Dissolved Solids	Fully Supporting	Lower 8 miles of segment	8	40		382.86
Total Dissolved Solids	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	40		382.86
Total Dissolved Solids	Fully Supporting	Upper 18 miles of segment	18	40		382.86
Overall General Use	Fully Supporting	Lower 8 miles of segment	8			
Overall General Use	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall General Use	Fully Supporting	Upper 18 miles of segment	18			
Fish Consumption Use						
Human Health Criteria Metals	No Concern-Limited Data	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	4		
Overall Fish Consumption Use	Not Assessed	Lower 8 miles of segment	8			
Overall Fish Consumption Use	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall Fish Consumption Use	Not Assessed	Upper 18 miles of segment	18			
Overall Use Support						
	Fully Supporting	Lower 8 miles of segment	8			
	Fully Supporting	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
	Fully Supporting	Upper 18 miles of segment	18			

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Freshwater Stream | Neches-Trinity Coastal Basin | Total size: 33 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Lower 8 miles of segment	8	14	2	
Ammonia Nitrogen	No Concern	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25	3	
Nitrite + Nitrate Nitrogen	No Concern	Lower 8 miles of segment	8	14	0	
Nitrite + Nitrate Nitrogen	No Concern	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	25	0	
Orthophosphorus	No Concern	Lower 8 miles of segment	8	14	0	
Orthophosphorus	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	7	0	
Total Phosphorus	No Concern	Lower 8 miles of segment	8	14	0	
Total Phosphorus	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	7	0	
Overall Nutrient Enrichment Concerns	No Concern	Lower 8 miles of segment	8			
Overall Nutrient Enrichment Concerns	No Concern	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall Nutrient Enrichment Concerns	Not Assessed	Upper 18 miles of segment	18			
Algal Growth Concern						
Chlorophyll a	Concern	Lower 8 miles of segment	8	14	5	
Chlorophyll a	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	0		
Chlorophyll a	Not Assessed	Upper 18 miles of segment	18			
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	Lower 8 miles of segment	8	4		
Metals in sediment	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	4		

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern (continued)						
Overall Sediment Contaminant Concerns	Not Assessed	Lower 8 miles of segment	8			
Overall Sediment Contaminant Concerns	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 18 miles of segment	18			
Fish Tissue Contaminants Concern						
Metals in fish tissue	Not Assessed	Lower 8 miles of segment	8	2		
Metals in fish tissue	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	2		
Organics in fish tissue	Not Assessed	Lower 8 miles of segment	8	2		
Organics in fish tissue	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7	2		
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 8 miles of segment	8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 18 miles of segment	18			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Lower 8 miles of segment	8			
Overall Narrative Criteria Concerns	No Concern	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
Overall Narrative Criteria Concerns	No Concern	Upper 18 miles of segment	18			
Overall Secondary Concern						
	No Concern	Lower 8 miles of segment	8			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Secondary Concern (continued)						
	No Concern	Portion 7 mi downstream of the confluence of N and S Forks Taylor Bayou	7			
	No Concern	Upper 18 miles of segment	18			